



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Toru SHIBUSAWA**

Group Art Unit: **2614**

Serial No.: **10/784,794**

Examiner: Not yet assigned

Filed: **February 24, 2004**

Confirmation No.: **2195**

For: **REMOTE CONTROLLER FOR BROADCASTING RECEIVER,  
BROADCASTING RECEIVER, INFORMATION RECORDED MEDIUM,  
AND CHANNEL SETTING METHOD**

**SUBMISSION OF REVOCATION OF  
POWER OF ATTORNEY AND NEW APPOINTMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Date: January 24, 2005

Sir:

Submitted herewith is a paper revoking all previous powers and appointing the undersigned firm, signed by an officer of the applicant. As noted in the new power, all communications should be directed to the following address:

Westerman, Hattori, Daniels & Adrian, LLP  
Suite 700  
1250 Connecticut Avenue, N.W.  
Washington, D.C. 20036  
Tel: 202-822-1100  
Fax: 202-822-1111

It is requested that the records of the Patent and Trademark Office be amended accordingly. Counsel's docket number for this application is **042229**, and it would be greatly appreciated if the records of the Patent and Trademark Office could be corrected to reflect that docket number on all future communications.

Serial No.: 10/784,794

In the event any fees are required in connection with this paper, please charge our  
Deposit Account No. 50-2866.

Respectfully submitted,

Westerman, Hattori, Daniels & Adrian, LLP

A handwritten signature in black ink, appearing to read 'Ken-Ichi Hattori', with a large, sweeping horizontal stroke extending to the right.

Ken-Ichi Hattori  
Attorney for Applicant(s)  
Reg. No. 32,861

Atty. Docket No. **042229**  
Westerman, Hattori, Daniels & Adrian, LLP  
1250 Connecticut Avenue, N.W., Suite 700  
Washington, D.C. 20036  
Tel: 202-822-1100  
Fax: 202-822-1111

KH/ak

Enclosures:

Revocation of Power of Attorney and New Appointment  
Certificate under 37 CFR § 3.73(b) and its attachment

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Toru SHIBUSAWA

Serial No.: 10/784,794

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BROADCASTING RECEIVER, INFORMATION RECORDED  
MEDIUM, AND CHANNEL SETTING METHOD

REVOCATION OF POWER OF ATTORNEY AND NEW APPOINTMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned, assignee of the entire interest in and to the above-identified United States patent application, hereby revokes all powers of attorney previously given and appoints:

**Ken-Ichi Hattori and Westerman, Hattori, Daniels & Adrian, LLP**

**\*38834\***

PATENT TRADEMARK OFFICE

as principal attorneys to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all future communications to:

**Westerman, Hattori, Daniels & Adrian, LLP**  
**1250 Connecticut Avenue, N.W., Suite 700**  
**Washington, D.C. 20036**

**\*38834\***

PATENT TRADEMARK OFFICE

Sanyo Electric Co., Ltd.  
Company

Date: Jan. 6, 2005

Takahiko Koyama  
General Manager

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: Takahiko Koyama



Docket No. 042229

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 2614

In re the Application of: Toru SHIBUSAWA

Examiner: Not yet assigned

Serial No.: 10/784,794

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MEDIUM, AND CHANNEL SETTING METHOD

CERTIFICATE UNDER 37 CFR § 3.73(b)

Sanyo Electric Co., Ltd., a Japanese Corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an Assignment from the inventors of the patent application identified above which was filed on February 24, 2004. A copy of the Assignment and date-stamped post card are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: Jan 6, 2005

Name: Takahiko Koyama

Title: General Manager

Signature: Takahiko Koyama



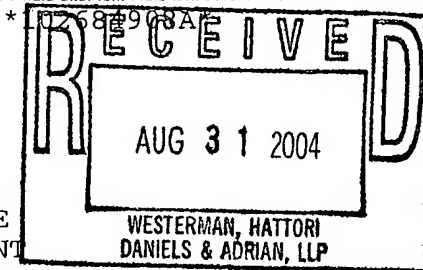
UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 24, 2004

PTAS

REDER FISHMAN & GRAUER PLLC  
DAVID T. NIKAIDO  
1233 20TH STREET, NW  
SUITE 501  
WASHINGTON, DC 20036



UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/24/2004

REEL/FRAME: 015022/0758  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: JIM0227

ASSIGNOR:  
SHIBUSAWA, TORU

DOC DATE: 02/02/2004

ASSIGNEE:  
SANYO ELECTRIC CO., LTD.  
5-5, KEIHANHONDORI 2-CHOME  
MORIGUCHI-SHI, OSAKA, JAPAN

SERIAL NUMBER: 10784794

FILING DATE: 02/24/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: REMOTE CONTROLLER FOR BROADCASTING RECEIVER, BROADCASTING RECEIVER, INFORMATION RECORDED MEDIUM, AND CHANNEL SETTING METHOD

015022/0758 PAGE 2

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02/24/04



Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office



To the Honorable Commissioner of F

102684908

... original documents or copy thereof

## 1. Name of conveying party(ies):

Toru Shibusawa

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: February 2, 2004

## 2. Name and address of receiving party(ies)

Name: Sanyo Electric Co., Ltd.

Internal Address:

Street Address:

5-5, Keihanondori 2-chome  
Moriguchi-shi

Pref.: Osaka

Country: JAPAN

Zip:

Additional name(s) &  
address(es) attached:☐ Yes☒ No

## 4. Application number(s) or patent number(s):

10/784794

If this document is being filed together with a new application, the execution date of the new application is: February 2, 2004

## A. Patent Application No.(s):

NEW APPLICATION

## B. Patent No.(s):

Additional numbers attached?

☐ Yes☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David T. Nikaido  
RADER, FISHMAN & GRAUER PLLC

Internal Address: Atty. Dkt.: JIM-0227

Street Address:  
1233 20th Street, N.W.  
Suite 501City:  
Washington

State: DC Zip: 20036

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41)

\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account☐ Authorized to be charged to credit card  
(Form 2038 enclosed)

## 8. Deposit account number:

18-0013

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David T. Nikaido, Reg. No. 22,663

Name of Person Signing

Signature

February 24, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 2

03/04/2004 MGETACHE 00000097 180013 10784794

01 FC:8021 40.00 DA

2387 U.S. PTO  
10/784794

022404

Docket No. \_\_\_\_\_

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert  
ASSIGNEE's  
Name(s)  
Address(es)]

SANYO ELECTRIC CO., LTD. residing at 5-5, Keihanhondori 2-chome,  
Moriguchi-shi, Osaka, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of  
Invention]

REMOTE CONTROLLER FOR BROADCASTING RECEIVER, BROADCASTING RECEIVER,  
INFORMATION RECORDED MEDIUM, AND CHANNEL SETTING METHOD

[\*If the assignment  
is being filed  
after the filing of the  
application, this  
section must be  
completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_

(Rader, Fishman & Grauer, PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of Assignor(s)]

<u>Toru Shibusawa</u> (SIGNATURE)	<u>Toru SHIBUSAWA</u> (TYPE NAME)	<u>2 / 2 / 2004</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)





Inventor: Toru Shibusawa

Atty Docket No.: JIM-0227

Application No.: NEW APPLICATION

Filing Date: February 24, 2004

Title: REMOTE CONTROLLER FOR BROADCASTING RECEIVER,  
BROADCASTING RECEIVER, INFORMATION RECORDED MEDIUM, AND  
CHANNEL SETTING METHOD

**Documents Filed:**

Utility Patent Application Transmittal (1 page)	Claim for Priority and Submission of Documents (1 page)
Fee Transmittal (1 page)	Certified copies of Priority documents (2 copies)
Specification (40 pages)	IDS w/PTO-1449 + 1 ref.
11 drawings (8 sheets)	Charge \$1,588.00 to deposit account 18-0013

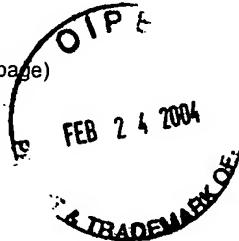
Oath or declaration (2 pages)

Recordation Form Cover Sheet (1 page)

Assignment (1 page)

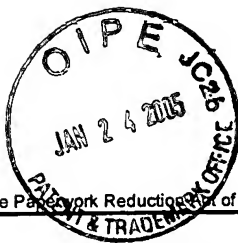
Via: PTO Daily Run

Sender's Initials: DTN/nb



Date: February 24, 2004

*Handwritten signature/initials*



IFW

PTO/SB/122 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450.

Application Number	10/784,794
Filing Date	February 24, 2004
First Named Inventor	Toru SHIBUSAWA
Art Unit	2614
Examiner Name	Not yet assigned
Attorney Docket Number	042229

Please change the Correspondence Address for the above-identified patent application to:

☒ Customer Number :

OR

☒ Firm or Individual Name Westerman, Hattori, Daniels & Adrian, LLP

Address 1250 Connecticut Avenue, N.W.

Address Suite 700

City Washington State DC Zip 20036

Country US

Telephone 202-822-1100 Fax 202-822-1111

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I am the:

- ☐ Applicant/Inventor
- ☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or Agent of record. Registration Number 32,861
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed Name Ken-Ichi Hattori

Signature

Date January 24, 2005

Telephone 202-822-1100

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.